Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Wednesday 02 Mar 2022 until 23:59 on Thursday 03 Mar 2022

Forecast Issued on Wednesday 02 Mar 2022 at 01:53

Confidence: High for becoming increasingly cloudy through Wednesday with some rain, but lower from Thursday with uncertainty over the actual position of a slow moving front, currently expected to remain across, or close to, the area through much of the forecast period.

Headline for Wednesday 02 Mar 2022: Bright start, especially in north, but becoming cloudy with some rain.

Mountain weather hazards on Wednesday 02 Mar 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Drizzle	Light rain	Light rain	Cloudy	Cloudy
Precipitation probability					
10%	60%	60%	60%	40%	20%

Forecast for Wednesday 02 Mar 2022

Weather: A bright morning with some sunny spells across northern and western fells but more southern and eastern parts will be cloudy with patchy mainly light rain and drizzle, with a little sleet or wet snow on higher fells. Still some brightness in the north and west through the afternoon but generally cloudy with rain and drizzle becoming gradually more extensive and, in the evening across southern fells, occasionally heavy.

Chance of cloud-free hill tops above 800m: Around 25% at first in south and east becoming close to zero by mid-morning, but nearer 75% through the morning in north and east becoming 25% through the afternoon.

Low cloud and visibility: Periods or persistent cloud above 450-600m, but cloud more occasional above 600m across the north through the morning. Otherwise visibility rather hazy in south, but mainly good in north, falling to several kilometres in rain and drizzle, and maybe a kilometre in any wintriness.

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Forecast for Wednesday 02 Mar 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	33/41 E	39/47 E	40/49 SE	36/45 SE	36/46 SE	37/47 SE	35/44 SE
600	35/48 E	30/41 SE	31/43 SE	31/43 SE	31/43 SE	30/42 SE	27/38 SE
300	14/35 E	14/35 E	15/36 SE	14/35 SE	12/34 SE	14/35 SE	12/32 SE
Valley	14/35 E	14/33 E	13/31 E	13/29 SE	13/30 SE	13/30 SE	12/27 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-7	-0/-9	1/-8	1/-6	2/-6	1/-7	1/-7
600	-0/-9	1/-6	2/-5	2/-5	2/-5	2/-5	2/-5
300	2/-3	4/-1	5/0	5/1	4/0	4/0	4/0
Valley	4/-0	6/2	6/3	7/3	6/3	6/3	6/3
Freezing Level*	500m	1400m	1500m	1600m	1700m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 55mph over ridges and summits, especially through the afternoon.

Forecast for Thursday 03 Mar 2022

Weather: Cloudy with further outbreaks of rain and drizzle, the rain heavy at times, especially across southern fells, with a little sleet or wet snow at times on higher fells.

Maximum wind: Southeasterly 30-35mph, gusts around 55mph over ridges and summits, decreasing 20mph by midday then veering southerly 10-15mph in afternoon

Chance of cloud-free hill tops above 800m: 25% in north, otherwise little chance.

Low cloud and visibility: Periods or persistent 300-450m, but more occasional above 600m at times in north. Otherwise visibility rather hazy falling to a few kilometres in heavier rain and drizzle and maybe a kilometre in any wintriness.

Temperature: **Valleys:** Around plus 5 Celsius rising to plus 8 or 9 Celsius by day
At 800m: Around plus 2 Celsius
Freezing level: Above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 1st March 2022. Location: Helvellyn summit at 11:55 Full report: A spectacular, blue sky day! The majority of ground up to, and including, summit level is now free from snow especially on south and west facing aspects. That said some significant patches of snow remain which, owing to their depth, altitude and location have, above 800m, largely survived Monday's rain. Conversely, below 800m there has been a more noticeable thaw in the past 24 hours. The remaining snow can be found above 700m, with most above 800m, in sheltered spots and hollows and on steep north and east facing slopes. Monday's rain combined with the overnight frost meant that the snowpack was hard and often icy, especially in the morning. Where exposed to the sun, it did soften during the day except on popular routes where it has been compacted creating an obvious icy hazard. Many paths were actually dry, although where they cross drainage lines there were isolated patches of ice on rocks and stones – again especially in the morning. At the top of some snow covered east and north facing slopes there are some overhangs – ie cornices. Although small, they are weakening especially during the afternoon with milder temperatures, so please keep completely off any such snow covered edges and advise those with less experience to do likewise. Despite the appearance of daffodils in the valleys, the summit temperature remains below freezing and the windchill (what the temperature feels like) well below so full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots (not trainers) and equipment - including torch, map & compass and the ability to use them - are all essential for those going onto the fells. This is not just for safety but also for enjoyment as the summit today was a place to wrap up warm and linger to enjoy the spectacular panorama – something that those dressed in shorts and carrying no extra clothes were unable to do. For those doing routes that necessitate crossing or climbing steep snow slopes – such as Striding and Swirral Edges which both have banks of deep, steep unavoidable snow guarding their exits - an ice axe is essential and crampons must be carried in case hard snow and ice is encountered (as it was today). Temperature: minus 0.7 C, Maximum wind speed 13.9 mph, Wind chill: minus 7.5 C, Average wind speed: 11.6 mph

Issued at: 01:54 on Wed 02 Mar 2022

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